

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

Date: 07.07.19	Job No.:	ADR Yes/No: Y	ADR Date: SEE BELOW	ECN #: 1003
Product No.: SEE BELOW		Created By: DC	Approved By:	
Product Name: SEE BELOW		Checked By:	General Manager Approval:	

Distribution	Reqd	Resp	Received
Production Manager	Y	LL	
Production Engineering Coord	Y	JLM/EC	
Director Quality Assurance	N		
Customer Order Processing	N		

Distribution	Reqd	Resp	Received
Customer Technical Support	N		
Marketing	N		

Reason for Change: RIVETS ARE TOO LONG. CHANGED TO SHORTER RIVETS SO THAT G.A. WILL NOT HAVE TO GRIND DOWN EVERY RIVET MUSHROOM.

Documents Affected:
 RELEASE D2694 REV. H ✓ (REF. D350-602 HELI-UTILITY POD) ADR DATE: 07.07.19 (D407-621)
 D3278 REV. C ✓ (REF. D350-591 HELI-ACCESS STEP) ADR DATE: 07.07.24

#	Engineering Actions	Reqd	Resp	Notes	Complete
1	Required Documents/Drawings Under Review	Y	DC/KJ		07.08.23 HA
2	Update Blue/Pink/DSI Folder and Electronic Files	N			
3	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		07.08.23 HA
4	Update Grey Project Binder	Y	KJ		07.08.23 HA
5	Move Electronic Files	Y	KJ		07.08.23 HA
6	Update Master Document List (MDL)	Y	KJ		07.08.23 HA
7	Update Document Record (DR)	Y	KJ		07.08.23 HA
8	Create/Update Change Record Form	N			
9	Create/Update PPP's	N			
10	Update Controlled PDF Files	Y	KJ		07.08.23 HA
11	Notify TC/FAA of Change	N			
12	Update QSI 021 and/or STC Approval List	N			
13	Update Product Development Summary	N			
14	Update Accpac Database	N			
15	Update Access (ARC) Database	N			
16	Update/Verify ARC	N			
17	Update Paperwork Kits in Production	N			
18	Update Qpulse/Laminated Dwgs	N			
19	Update Product Compatability Matrix	N			
20	Create Eurocopter Form (FEE)	N			
21					

#	Production Actions	Reqd	Resp	Notes	Complete
22	Create/Update Coss IPP/BOM	Y	JLM/EC	EC	07.08.21
23	Update FAI Sheets	N			
24	Create/Update CNC Programs	N			
25	Create/Update Tooling	N			
26	Red Tag Stock (Specify)	N			
27	Rework/Scrap Current Production and/or Stock	N			
28	Update Paperwork Kits in Stock	N			
29	Create/Update MPP	N			
30					

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
31	Notify Previous Customers	N			
32	Notify Eurocopter France	N			
33					

Description / Action:
 UPDATE AND RELEASE D2694 REV. H AND D3278 REV. C.
 CLOSE ENGINEERING PORTION OF PAR #185.

[illegible]

Preventive Action Report				PAR 185	
Raised by: DANIEL CAMPBELL		Source: GENERAL ASS'Y		Sheet No. 2 of 2	
Issue for Dept./Supplier: ENGINEERING/PROD. ENG. COORD.				Date: 07.07.20	
Product/Service: D350-591				Priority: HIGH LOW	
Area of Standard:		Section A			
QSI		Description of Issue			
QSP		G.A. REQUIRES THAT MS20426AD3-7 RIVET BE CHANGED TO MS20426AD3-6 RIVET BECAUSE THEY ARE TOO LONG. WITH MS20426AD3-6 RIVET, G.A. WILL NOT HAVE TO GRIND DOWN EVERY RIVET MUSHROOM.			
QSPM					
Documents:					
P/O					
Invoice					
W/O 10464					
Batch No. 33430					
TSR					
Drawing D3278					
DQA: Section B: Indicate who is responsible for creating P/A, and a completion date. Section C: Indicate who will verify completion of P/A.					
Section B		Responsible for Investigation/PA: _____ To be done by: _____			
Preventive Action					
No	Initial	Action Description	Responsible	Due date	Sign/Date
1	DC	REVISE D3278 REV.B AS FOLLOWS: CHANGE MS20426AD3-7 RIVETS FOR MS20426AD3-6 RIVETS.	DC	07.07.20	07.08.08 DC
2	DC	UPDATE ESTIMATE # 10464 ACCORDINGLY.	JLH/EC	07.07.20	07.08.21
			Fault Category:		
Section C		Responsible for Verification of PA: _____			
Verification of P/A					
No	Verification Method	Sign	Date	Forward to DQA on Completion of Verification	
REFERENCE ONLY				DQA: _____	
				Date: _____	
QA Purposes only		P/A Closed		Date	

Date: Monday, 7/9/2007 3:44:02 PM
 User: Kim Johnston

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services

Drawing Name : SUPPORT ASSEMBLY

Job Number : 33430 *R44*
 mate Number : 10464 *W10*

P.O. Number :
 This Issue : 7/9/2007 S.O. No. :

Prsht Rev. : NC

First Issue : 1/1 Type : SMALL /MED FAB

Previous Run : 32657

Part Number : D3278041

Drawing Number : D3278 REV. B

Project Number : N/A

Drawing Revision : B

Material :

Due Date : 7/27/2007 Qty: 40 Unit: Each

Written By : *07.07.10*Checked & Approved By : *07.07.10*

Comment : Est:A 04-04-19 New issue KJ/JLM

Additional Product

Job Number: 

Seq. #: Machine Or Operation: Description :

1.0 33430A SUPPORT



Comment: Sub-Component SUPPORT
 D3278-1 B

2.0 33430B SUPPORT



Comment: Sub-Component SUPPORT
 D3278-2 B

3.0 D32783 Spacer



Comment: Qty.: 1.0000 Each(s)/Unit Total : 40.0000 Each(s)
 Spacer

Pick:

Qty	Part Number	Description	Batch
1	D3278-3	Spacer	

4.0 MS20426AD37 RIVET



Comment: Qty.: 4.0000 Each(s)/Unit Total : 160.0000 Each(s)
 RIVET

Pick:

Qty	Part Number	Description	Batch
4	MS20426AD37	Rivet	

5.0 SMALL FAB 1 SMALL & MEDIUM FAB RESOURCE 1



Comment: SMALL & MEDIUM FAB RESOURCE 1
 Rivet spacers with support as per Dwg D3278.

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
07.02.13	A.O	MS20426 AD3-7 SHOULD BE CHANGED TO MS20426A3-6 DRAWING CHANGE/REVISION IS REQUIRED PRIOR UPDATING W/O.	<i>[Signature]</i>	07.07.13	4	<i>[Signature]</i> 07.07.13	<i>[Signature]</i> 07.07.16

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

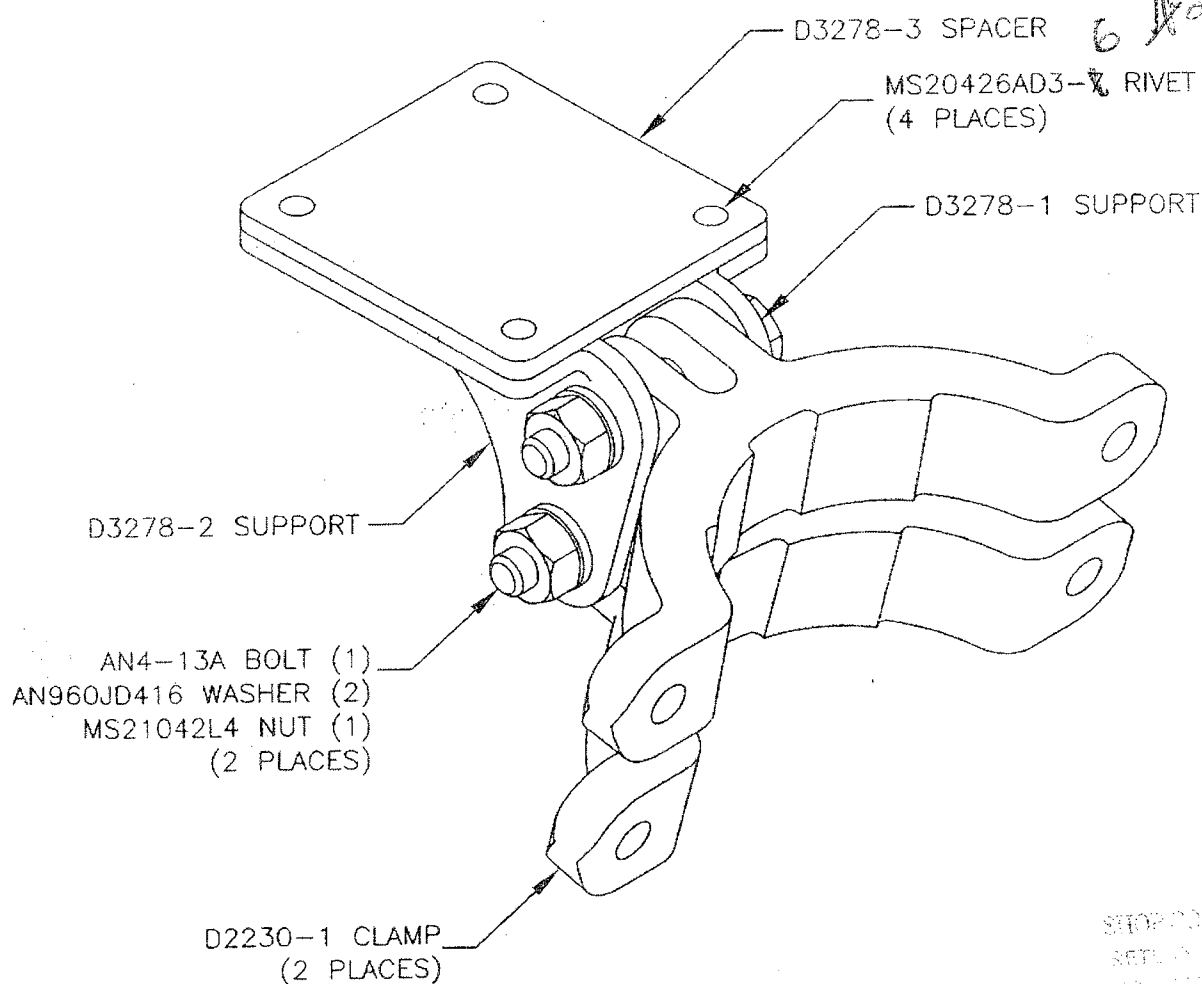
NOTE: Date & initial all entries



DESIGN	CP	DRAWN BY	CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	APPROVED	<i>[Signature]</i>	DRAWING NO.	REV. B
				D3278	SHEET 1 OF 3
DATE	05.03.31			TITLE	SCALE
				SUPPORT ASSEMBLY	NTS
A	04.03.03			NEW ISSUE	
B	05.03.31			CHANGE DIM/TOL TO ENSURE FIT	

RELEASED
05.04.04 *[Signature]*

D3278-041 SUPPORT ASSEMBLY



STOP COPIES
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SUBJECT TO REVISION
WITHOUT NOTICE
WORK ORDER
NO. 33430

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